30" Digital WideScreen HDTV Monitor

30PW9818

MATCH LINE

- *PixelPlus™ resolution enhancement*
- *Digital Natural Motion™*
- *RealFlat™ picture tube*
- *Progressive Scan with Eye Fidelity*
- *3D Y/C comb filter*
- *Digital CrystalClear™*
- *HD component input*
- *Double Window, Two-Tuner PIP*
- *AutoScreen™ Fit*
- *3D Surround (Dolby® Pro Logic capable)*
- *Active Control™ with ambient light sensor*
- *Dynamic graphical user interface*

PIXEL PLUS
Resolution Enhancement

Let's make things better.

PHILIPS

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Product highlights

PixelPlus™ *creates near High Definition (HD) performance inside the TV on the basis of a regular input signal. By doubling the number of lines and the number of pixels per line, PixelPlus™ enhances both regular broadcasts and DVD input for unparalled sharpness and depth.*

Digital Natural Motion™ *offers razor-sharp reproduction of movement and motion. The unique and highly advanced processing calculates motion trajectories of moving picture elements. It corrects jerky movement from both studio programs or movie material.*

30"V RealFlat™ Widescreen picture tube. *Undistorted and reflection free picture. Scavem and DAF (Dynamic Astigmatic Focus) for excellent picture quality.*

Progressive Scan with Eye Fidelity *doubles the number of visible picture lines per field. A jitter-free and quiet picture with astonishing sharpness.*

3D Y/C comb filter *Uses spatial and temporal filtering to eliminate cross color luminance with improved diagonal resolution.*

Digital CrystalClear™ *with Dynamic Contrast, SVM, Comb filter, 9-bit processing, luminance enhancements and color enhancements (LTP2). Offer a crisp and natural picture from any type or quality of source.*

Dual HD component input and full 1080i *resolution display for connection to high definition input.*

Double Window, two-tuner PIP *with second tuner Double Window. Single PIP (free positioning), 3 fold and 6 fold side PIP's. Also offers photofinish, freeze Main and freeze PIP. Replay lets you play back the previous few seconds in a PIP screen: if you missed the action, replay it as much as you want.*

AutoScreen™ Fit *will display programs from any aspect ratio (up to 16:9), filling the complete screen without apparent distortions.*

Active Control™ *Continuous picture analysis and control of: Automatic Digital Noise Reduction, Auto Sharpness, Auto Color, Auto Dynamic Contrast, Ambient light sensor. Automatically offers the best picture setting in three levels: off, min, max. A demo menu shows you, based on the picture content, the real-time adjustments of 5 parameters.*

3D Surround *is based on Dolby® Pro Logic signals and creates Virtual rear speakers. Full surround experience without the need to connect rear speakers. Includes the integrated center speaker.*

Dolby® Pro Logic decoder (Full DSP) built in *Offers full surround experience with minimum of installation. The integrated center speaker gives best possible position for dialog reproduction. Separate surround outputs.*

'TV is Center' *reproduction option. All TV speakers play as center. Dolby® processed outputs for L, R and Surround via conventional stereo amplifier.*

Powerful 4x15W RMS amplifier *built in. Active subwoofer with DBE (Dynamic Bass Enhancement) and full digital sound processing. Powerful reproduction from six built in speakers.*

AutoPicture™ and AutoSound™ *modes. Easy setting via direct RC keys.*

AutoSurf™ list. *Add your favorite channels and switch through them with one button click.*

Dynamic Graphical User Interface. *Easy and intuitive operation through feedforward and backtracking display. 8 Directional thumbpad cursor control. Full menu control of all through layered menus. Easy control of most used features through daily menus.*

Zoom 16x *(4x, 9x). Cursor movable zoom window.*

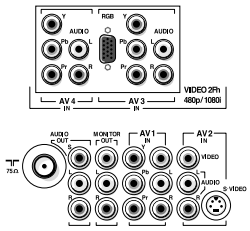
Multi system and Universal Codes Remote Control *Transparent keys with backlighting. Thumbpad cursor and matching color finish.*

YPbPr inputs *for best DVD reproduction.*

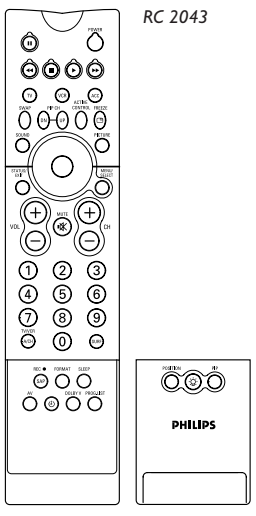
Three menu languages*, English, French, Spanish.*

Side connectors

Rear connectors



RC



Technical specifications

Picture

- Visible screen size: 30"
- Picture tube: RealFlat™ 16:9
- Anti reflex and anti static coating
- Daf CRT gun
- Image stability: 60Hz Progressive Scan - PixelPlus - Digital Natural Motion
- S-Video display
- AutoPicture™ control (5 modes)
  – soft, natural, rich, personal, multimedia
- Picture tilt control
- Brightness, contrast, tint, hue, sharpness, color control
- Scan mode : interlaced or progressive
- 3D Y/C comb filter

Sound

- Sound system: 6 speaker HiFi Stereo
- Output : 4x15W RMS (@10%THD) (L, R, C, subwoofer)
- BTSC stereo
- Frequency response: 20Hz-20kHz, +1/-3dB (ampl.)
- AutoSound™ control
  - movie, speech, music, personal, multimedia
- 'TV is Center' setup (with ext. HiFi system)
- Surround speakers not included

Operation

- Dynamic graphical user interface. Easy and intuitive operation through feedforward and backtracking display.
- Full menu control of all functions through layered menus.
- Easy control of most used features through daily menus.
- Selection of 3 menu languages
- Onscreen status display for channels and functions (OSD)
- Sleeptimer up to 180 minutes.
- AutoLock™ to protect young kids from objectionable programming with V-chip technology
- Favourite channel selection and Surf™ loop
- Onscreen menu display:
- Active Control™ demo menu indicating real time picture settings
- Closed Captioning
- Dealer Link : wireless communication for installation and service.

Remote Control

- Backlit keys and bi-color LED indicators
- System control for TV, VCR, Cable, Sat, HD, DVD, CD, AMP

Connections

- Side
  - S-Video in (Y/C)
  - video CVBS (cinch)
  - audio L/R-in (cinch) with automatic mono switching
  - headphone jack 3.5mm
- Rear
  - Antenna input : 75Ohm F-pin
  - AV 1 : – Component video in YPbPr (1 Fh for DVD), audio L-R (+CVBS) – Video CVBS, audio L-R
  - AV 2 : – Video CVBS, audio L-R – S-Video (Y/C)
  - AV 3 : – YPbPr (cinch) input for 1080i and 480p display + audio L-R – R/G/B/H/V via DB15 + audio L-R
  - AV 4 : – YPbPr (cinch) input for 1080i and 480p display + audio L-R
  - Monitor out: – Video CVBS out, audio L-R out
  - Sound out: – 2 audio out L-R, Constant/Variable level – 1 surround sound out, Variable level

Miscellaneous

- Ambient temperature : +5/+45°C
- Mains : AC 110V ±10%
- Power consumption: <210W (normal operation) ; Stand by : 0,8W
- Weight : 123.5 lbs (excl. packaging)
- Dimensions (WxHxD): product : 34.9x22.4x21.5 in. (excl. connectors) carton : 38x28.5x29.5 in.

UPC : 0 37849 92169 2

Internet address
http://www.philips.com

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As an ENERGY STAR® Partner, Philips has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Specifications subject to change without notice.

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